

Application No.: 10/067,620

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Docket No.: 416272003400

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A diagnostic composition for detecting ryegrass or walnut pollen allergy comprising an isolated protein wherein said protein ~~has~~ comprises an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11.
2. (Original) The diagnostic composition of claim 1 wherein said pollen allergy is ryegrass pollen allergy.
3. (Original) The diagnostic composition of claim 1 wherein said pollen allergy is walnut pollen allergy.
4. (Original) A method of treating ryegrass or walnut pollen allergy in a mammal comprising administering a pharmaceutically effective amount of a protein to a mammal wherein said protein comprises an amino acid sequence wherein said amino acid sequence is selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11.
5. (Original) The method of claim 4 wherein said pollen is ryegrass pollen.
6. (Original) The method of claim 4 wherein said pollen is walnut pollen.
7. (Original) The method of claim 5 wherein said mammal is a human.
8. (Original) A therapeutic composition comprising an antigenic fragment of a ryegrass or walnut pollen allergen wherein said antigenic fragment comprises an amino acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, and SEQ ID NO:11 wherein said antigenic fragment comprises at least one epitope of said ryegrass or walnut pollen allergen and a pharmaceutically effective carrier.

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9. (Original) The therapeutic composition of claim 8 wherein said epitope is a T cell epitope.
10. (Original) The therapeutic composition of claim 8 wherein said epitope is a B cell epitope.
11. (Original) The therapeutic composition of claim 8 wherein said pollen is ryegrass pollen.
12. (Original) The therapeutic composition of claim 8 wherein said pollen is walnut pollen.
13. (Original) A method of treating sensitivity to ryegrass or walnut pollen in a mammal comprising administering a therapeutically effective amount of the therapeutic composition of claim 8 to a mammal.
14. (Original) The method of claim 8 wherein said mammal is a human.
15. (Original) The method of claim 8 wherein said pollen is ryegrass pollen.
16. (Original) The method of claim 8 wherein said pollen is walnut pollen.

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